

## CLAIMS:

1. LED assembly suitable to form a string and provided with an LED mounted with a mounting on a base, which base is provided with electric connection wires wherein the LED mounting and electric contacts to the connection wires are protected from the surroundings by a package of hot melt material.  
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2. LED assembly according to claim 1 wherein the hot melt material of the assembly provides for a protection according to at least IP 54.
3. LED assembly according to claim 1 wherein the assembly contains a plurality  
10 of LEDs.
4. LED assembly according to claim 1 wherein the assembly incorporates one or more electric components for local control.
- 15 5. LED assembly according to claim 1 wherein the hot melt material has a white, light scattering surface.
6. LED assembly according to claim 1 wherein the base has a front side on which the LED mounting is present and a back side section which is free of the hot melt  
20 package material.
7. A string formed by a plurality of LED assemblies as claimed in any preceding claim wherein the LED assemblies are separated from each other by length of flexible contact wires.  
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8. A plurality of strings each according to claim 6, which strings are electrically arranged as forming a matrix.